

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M		S	G	G	S	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4	5						
7	8							14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30			57	CAT	58		

CON'T

REPORT SOURCE L 6 0 5 0 0 0 4 1 6 7 1 2 0 1 8 3 8 0 3 0 2 8 4 9

60 61 DOCKET NUMBER 65 66 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On December 1, 1983 at 1420 hours while in Cold Shutdown, breaker 552-
0 3 2105 from service transformer 21 tripped causing a loss of power to the
0 4 Division 1 ESF bus and all BOP loads. This resulted in a reactor scram
0 5 signal, a loss of RPS buses, loss of shutdown cooling, RWCU isolation,
0 6 Containment/Aux. Bldg. isolations, CRD "A" pump trip, SGTS initiation,
0 7 Control Room SFAU initiation, and an auto start of D/G 11. The diesel
0 8 generator was paralleled to transformer 11 to restore normal power.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
E B		B		C		E	L	E	C	O	N	Z	Z
9 10		11 12		13 14		15 16 17 18				19 20			
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
8 3		1 8 5		0 3		X		1					
21 22		23 24 25 26		27 28 29		30 31		32					
ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER					
A	F	Z	Z	0 0 0 0	N	N	N	X 9 9 9					
33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Two wires shorted in the breaker handswitch causing the trip. The wires
1 1 were pinched between a plate and a cover box mounted inside panel 1H13-
1 2 P807. The wires and box have been temporarily altered to prevent pinch-
1 3 ing. Final resolution to remove the plate is pending the processing of
1 4 design change 84/3001. Estimated completion date is May 31, 1984.

FACILITY STATUS (28) 1 5 8 9
 % POWER (29) 0 0 0 12
 OTHER STATUS (30) NA 13
 METHOD OF DISCOVERY (31) A 45
 DISCOVERY DESCRIPTION (32) Alarmed Condition 46
 ACTIVITY CONTENT RELEASED OF RELEASE (33) 1 6 8 9
 AMOUNT OF ACTIVITY (35) 2 10
 LOCATION OF RELEASE (36) NA 46

PERSONNEL EXPOSURES

NUMBER		TYPE	DESCRIPTION
1	7	37	38 NA

PERSONNEL INJURIES		DESCRIPTION	
NUMBER	DESCRIPTION	NUMBER	DESCRIPTION
1	3	40	NA

8403130182 840302

8		9		11		12	
LOSS OF OR DAMAGE TO FACILITY				(43)			
TYPE		DESCRIPTION					
1	9	(42)	NR	840315017E 840302 PDR ADOCK 05000416 S PDR			

IE22
11

7	8	9	10	
PUBLICITY				NRC USE ONLY
ISSUED	DESCRIPTION			
2	(44) NH			

7 8 9 10 58 69 80

NAME OF PREPARER Ron Byrd

PHONE

NRC USE ONLY

0000-9236



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

March 2, 1984

NUCLEAR PRODUCTION DEPARTMENT

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Unit 1
Docket No. 50-416
License No. NPF-13
File: 0260/L-835.0
Update Report - Loss of Power to
Division 1 ESF Bus and BOP Loads
LER 83-185/03 X-1
AECM-84/0132

This letter submits an update to a previous report submitted on December 20, 1983. The event for which the report was submitted occurred on December 1, 1983, while in Cold Shutdown, when breaker 552-2105 from service transformer 21 tripped causing a loss of power to the Division 1 ESF bus and all BOP loads. This resulted in a reactor scram signal, a loss of RPS buses, loss of shutdown cooling, RWCU isolation, Containment/Auxiliary Building isolations, CRD "A" pump trip, SGTS initiation, Control Room SFAU initiation, and an automatic start of Diesel Generator 11. Action (a) of Technical Specification 3.4.9.2 was met. This was reported pursuant to Technical Specification 6.9.i.13.b.

This update revises the estimated completion date to complete permanent corrective action. The design change to implement this action is expected to be complete by May 31, 1984. Attached is LER 83-185/03 X-1 which is a final report.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:rg
Attachment

cc: See next page

OFFICIAL COPY

JE22

1/1

MISSISSIPPI POWER & LIGHT COMPANY

AECM-84/0132

Page 2

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)
Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Document Control Desk (w/a)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555